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*Histories extracted from the records of 52
Infants dying in one year, who were
under the observation of the City of
Bradford Infant's Department.*



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*Histories extracted from the Records of 52 Infants dying
in one year, who were under the observation of the
City of Bradford Infants' Department.*

CASE 1 (Girl).

Registered at 6 weeks.

Home Conditions:	Back-to-back house, 2 rooms, 5 in family.
Father's History:	Labourer, "ne'er-do-weel"; health history uncertain.
Mother's History:	Housewife, previously wool waste-sorter. Has severe headaches, is very anæmic, feeble-minded.
Previous Pregnancies:	Three:— (1st) illegitimate child by different father, attended Infant Clinic, was syphilitic, died of Epidemic Diarrhœa.
Mothering:	Very bad.
History of Pregnancy:	Mother had ante-partum hæmorrhage at sixth month.
History of Confinement:	Midwife's case, birth premature at 8 months.
History on Registration:	Has had fits and been under private practitioner since three weeks old; has wasted, screamed constantly, and had obstructive nasal catarrh since birth.
Condition on Registration:	Marasmic, length 18½ ins., abnormal head ossification, chronic rhinitis, convulsions, anæmia, syphilitic eruption, debilitated.
Subsequent History:	Chronic laryngitis, chronic vomiting, chronic mucous enteritis, and chronic meningitis. As no Infants' Hospital cot available, and mother incapable of "mothering" infant, referred to Union Hospital. Died there, aged 2 months, certified "Congenital Syphilis."

CASE 2 (Girl, Twin).

Registered at one month.

Home Conditions:	Back-to-back house, 3 rooms, 5 in family.
Father's History:	Old soldier (foreign service), now woolcomber, unhealthy, wife does not know "what ails him."
Mother's History:	Housewife, previously mill-hand; unhealthy, mentally abnormal.

CASE 2—(Continued).

Previous Pregnancies:	Nine:— (1st) child living aged 10 years, delicate. (2nd) child died aged 9 months of "Fits." (3rd) child died aged 10 months of "Fits." (4th) Twin, child died aged 3 weeks of "Fits." „ Twin, child died aged 2 weeks of "Fits." (5th) child died aged 7 months of Pneumonia. (6th) child died aged 11 months of "Fits." (7th) child died aged 3½ years of Pneumonia. (8th) child died aged 1 year and 8 months of "Fits." (9th) Twin, child died aged 7 months of "Fits." „ Twin, child died aged 8 months of "Fits." (10th) Twin to present infant, living aged 1 month, attending Clinic, syphilitic.
Mothering:	Very bad.
History of Pregnancy:	Mother ill throughout pregnancy. In bed 4 months with doctor attending.
History of Confinement:	Midwife's case.
History on Registration:	Frantic screaming from birth; baby has seen no doctor.
Condition on Registration:	Under minimum normal birth length, malnutrition, earthy anæmia, convulsions.
Subsequent History:	At 2¼ months admitted to Infants' Hospital with convulsions and chronic mucous enteritis. Had chronic syphilitic pseudo-furuncles and other lesions. Was there two months. On discharge was much improved in nutrition and general health, but still had attacks of maniacal rage. At 5 months (August) had milk infection; died 10 days later, attended by private practitioner. Certified "Marasmus."

CASE 3 (Boy).

Registered at 2½ months.

Home Conditions.	Through house, 4 rooms, 2 in family.
Father's History:	In labour battalion, previously warehouseman. B2 man, one eye squints and has been sightless from birth; has chronic eruption and abscesses—in military hospital now. Blood specimen taken while on leave, reported Wassermann "negative."
Mother's History:	Housewife, previously mill-hand. Says she feels well. Blood reported Wassermann "positive." Her mother died aged 19 in first confinement. Her father died aged 25 (? cause).
Previous Pregnancies:	None.
Mothering:	Good.
History of Pregnancy:	Mother felt well all through.
History of Confinement:	Attended by private practitioner.
History on Registration:	Under private practitioner until now, has wasted and vomited since birth.

CASE 3—(Continued.)

- Condition on Registration:** Under minimum normal length for age, and marasmic. Chronic syphilitic eruption and lesions, malformed chest, abnormal head ossification, beaded ribs, anæmia, frenzied screaming, double inguinal hernia, and head retraction.
- Subsequent History:** At 3 months admitted to Infants' Hospital. Had chronic mucous enteritis with recurring intestinal hæmorrhage, and chronic rhinitis. Was there about 2 months. Discharged very much improved in general health, but beading of ribs more marked and tibial curvatures.
- At 7 months re-admitted to Hospital with acute syphilitic epiphysitis. Had persistent skin eruptions and lesions, lip fissures and mucous enteritis. Was discharged with epiphysitis cured after 1 month, but general condition stationary.
- Developed influenza during November epidemic.
- Died aged $8\frac{1}{2}$ months attended by private practitioner, certified "Influenza and Pneumonia."

CASE 4 (Girl).

Registered at $5\frac{3}{4}$ months.

- Home Conditions:** Back-to-back house, privy and wet ashpit, 3 rooms, 8 in family.
- Father's History:** Labourer, C3, "falls at his work," and is mentally abnormal at times.
- Mother's History:** Housewife, previously for most part in domestic service. "Had water on the brain and meningitis" in childhood, had general dropsy all through childhood, and did not talk till 9 years old. Is very dirty and offensive smelling. One sister has a weak heart and chronic joint trouble. Father died of cancer of the liver.
- Previous Pregnancies:** **Ten:—**
 (1st) child living, has St. Vitus' Dance.
 (2nd) child living, has "abscesses in the neck."
 4 children died in infancy:
 1 of "Hydrocephalus."
 1 of "Fits."
 2 of "Croup."
- Mothering:** Very bad.
- History of Pregnancy:** Mother worked in factory first six months.
- History of Confinement:** Midwife's case.
- History on Registration:** Has had repeated convulsions and "attacks of croup" since 5 months old. Private practitioner called in once for an attack of "croup."
- Condition on Registration:** Under minimum normal length for age, but fat. Abnormal head ossification, laryngismus stridulus, chronic purulent rhinitis, anæmia, mucous enteritis.

CASE 4—(Continued.)**Subsequent History:**

At $6\frac{1}{4}$ months admitted to Infants' Hospital. Had palatal and tonsillar ulcers, bronchitis, laryngismus stridulus, etc. Was there 5 weeks and discharged much improved.

One week afterwards had milk infection, was re-admitted to Hospital and died 4 days later aged 8 months. Certified "Infective Enteritis."

CASE 5 (Boy).

Registered at $1\frac{3}{4}$ months.

Home Conditions:

Back-to-back house, 3 rooms, 6 in family.

Father's History:

Cobbler, C3 man, has cleft palate and hare lip, delicate, history of "erysipelas and blood-poisoning" three years ago.

Mother's History:

Housewife, previously mill-hand; always been delicate, "feels weak" and "often under private doctor." Has had neuritis for past four years, and gets "dizzy attacks."

Previous Pregnancies:**Four:—**

(1st) child living, aged 9, very delicate, had "jaundice" from 3rd to 7th year;

(3rd) child died aged $2\frac{1}{4}$ months of "wasting," had been ill from birth and had a twin "mole" born with her;

(4th) child living, attended Infant Clinic and had ophthalmia neonatorum.

Mothering:

Fair.

History of Pregnancy:

Mother ill all through.

History of Confinement:

Midwife's case.

History on Registration:

Both eyes discharged first three weeks. Always crying since birth. Has seen no doctor.

Condition on Registration:

Nutrition normal, chronic rhinitis, nervous tension, anæmia, umbilical hernia.

Subsequent History:

Gained well in weight, but chronic rhinitis, anæmia and neurosis continued. At $6\frac{3}{4}$ months old defaulted in attendance at the Clinic.

Died at $10\frac{1}{4}$ months, private practitioner attending, certified "Broncho-Pneumonia."

CASE 6 (Boy).

Registered at one month.

Home Conditions:

Through house, 8 rooms, 5 in family.

Father's History:

In brewery trade, B2 man, ? cause. Blood reported Wassermann "negative." Father died of Cancer of the Tongue.

Mother's History:

Housewife, previously mill-hand; has bad health, and enlarged glands in neck, now undergoing operation. Blood examined later, reported Wassermann "positive."

Previous Pregnancies:**Five:—**

(1st) stillbirth at sixth month;

(2nd) stillbirth at sixth month;

(3rd) child died at 5 weeks of "brain disease."

CASE 6—(*Continued.*)

Mothering:	Good.
History of Pregnancy:	Mother had much œdema of legs, and much pain in right iliac fossa.
History of Confinement:	Attended by doctor.
History on Registration:	Said to have got on well first three weeks. Weaned by doctor's advice at ten days old on account of mother's illness.
Condition on Registration:	Malnutrition, abnormal head ossification; suffering from severe milk infection, profoundly toxæmic and practically moribund.
Subsequent History:	Admitted at once to Infants' Hospital. Had oral mucous patches and ulcers, chronic syphilitic eruption, very irregular temperature, evanescent head retraction, and showed marked cardiac weakness. Was there one month and discharged cured of gastro-intestinal affection, but general condition unsatisfactory. Subsequently gained well in weight but had chronic eruptions and skin lesions, mouth fissures, and very abnormal head ossification. At 3 months old developed influenza during epidemic, and died of this at $3\frac{1}{4}$ months, private practitioner attending, certified "Influenza."

CASE 7 (Girl).

Registered at 3 weeks.

Home Conditions:	Through house, 4 rooms, 6 in family.
Father's History:	Printing trade, previously variety artist; said to be healthy.
Mother's History:	Housewife, previously no trade, lived at home. Has "a weak heart," and has not recovered from confinement. Having free municipal dinners.
Previous Pregnancies:	Five:— (1st) child living aged 16, is "paralysed." (3rd) child died aged $1\frac{3}{4}$ months of "Fits." (4th) stillbirth at 7 months. (5th) child living aged 2 years, attended Infant Clinic, was syphilitic, and had congenital heart disease, now said to be "going on well."
Mothering:	Fair.
History of Pregnancy:	Mother felt ill all through pregnancy. Worked at cleaning and washing first $7\frac{1}{2}$ months.
History of Confinement:	Midwife's case; mother had "peritonitis" during lying-in, and private practitioner attended.
History on Registration:	Rash all over last two weeks. Mother thinks baby "has got on well."
Condition on Registration:	Under minimum normal birth length, marasmic, anæmic, generalised eruption.
Subsequent History:	Chronic syphilitic eruption, chronic meningitis, abnormal head ossification, anæmia, oral mucous patches, severe chronic rhinitis, chronic neurosis, chronic laryngitis.

CASE 7—(Continued.)

At $1\frac{3}{4}$ months admitted to Infants' Hospital. Had severe chronic mucous enteritis, generalised pemphigoid eruption, dactylitis and onychia, with development of meningitic symptoms. Was there $1\frac{1}{4}$ months.

Died there aged 3 months, certified "Chronic Meningitis."

CASE 8 (Girl).

Registered at 2 weeks.

Home Conditions:	Back-to-back house, 2 rooms, 4 in family.
Father's History:	Labourer; now very ill in sanatorium, been ill on and off for twelve months. Died after registration of baby.
Mother's History:	Housewife, previously mill-hand. Thin and delicate looking, deaf and lisps since childhood, has a chronic bowel complaint, mentally deficient.
Previous Pregnancies:	Three:— (1st) child, illegitimate, by different father, health unknown as was adopted. (2nd) miscarriage at 6 months. (3rd) child living aged 4 years, was born very small and thin, been delicate from birth, attends Child Clinic. Died of "Pneumonia" after registration of baby.
Mothering:	Very bad, though mother solicitous for baby. Later note:—"Depressed, tear-stained, dirty, 4-year-old child just died and husband died a few weeks ago, very poorly, dazed, and mentally deficient."
History of Pregnancy:	Reliable history unobtainable.
History of Confinement:	Midwife's case.
History on Registration:	Has wasted and cried since birth. Has seen no doctor.
Condition on Registration:	Marasmic, under minimum normal birth length, malformed chest, abnormal head ossification, enlarged rib epiphyses, chronic rhinitis, inflammatory congestion of oral mucous membrane, umbilical granuloma and hernia, mental deficiency.
Subsequent History:	At 3 weeks old admitted to Infants' Hospital for observation while mother was under treatment for cracked nipples. Had marked cardiac weakness, discharged after a week as baby was partially breast-fed. Mother refused to allow infant to go into the Union Hospital, though incapable of "mothering" it herself. Various neighbours tried to assist her to carry out the Clinic instructions, and the Health Visitor visited specially; infant clothing given from Staff's Distress Fund. Subsequently made no progress, had chronic syphilitic lesions, convulsions, developed chronic meningitis, marked cranio-tabes, and anæmia. A few days after last visit died aged 8 months, private practitioner attending, certified "Tuberculosis."

CASE 9 (Boy).

Registered at 2 weeks.

Home Conditions:	Back-to-back house, 2 rooms, 8 in family.
Father's History:	Carter, has chronic bronchitis.
Mother's History:	Housewife, previously mill-hand; very anæmic, always very tired, has much headache and periodic attacks of "dizziness."
Previous Pregnancies:	Eight:— (3rd) child living aged 7 years, delicate, "rickety," did not walk till 4 years old. (5th) child living—attended Infant Clinic. (6th) child living—attended Infant Clinic. (7th) child died at 5 months of syphilitic marasmus, attended Infant Clinic. (8th) child died at 3 months, of "brain disease."
Mothering:	Good.
History of Pregnancy:	Mother felt unwell all through.
History of Confinement:	Midwife's case.
History on Registration:	Wasted, cried and has had diarrhœa since birth, and repeated convulsions from third day.
Condition on Registration:	Under minimum normal birth length, marasmic, abnormal head ossification, enlarged rib epiphyses, chronic rhinitis, inflammatory congestion of oral mucous membrane, syphilitic eruption, cardiac weakness, chronic meningitis, extreme debility.
Subsequent History:	Had chronic mucous enteritis, eruption, anæmia, bronchitis. From $2\frac{3}{4}$ months to $6\frac{1}{4}$ months admitted periodically to Infants' Hospital, made no progress, except some gain in weight. Had severe double otorrhœa, chronic eruption, oral ulcers, and persistent meningitic symptoms with increasing paresis and very marked cardiac weakness. At $6\frac{3}{4}$ months referred from Infants' Hospital to Union Hospital, as had developed Whooping Cough. Died there aged $7\frac{1}{4}$ months, certified "Congenital Syphilis and Whooping Cough."

CASE 10 (Girl, Illegitimate).

Registered at 3 weeks.

Home Conditions:	Mother living with her parents. Back-to-back house; 4 in family, 3 rooms.
Father's History:	Munition worker, discharged from Army, now attending Venereal Clinic at Royal Infirmary
Mother's History:	Factory hand, delicate, aged 17 years, has had heart trouble from childhood; blood reported Wassermann "positive."
Previous Pregnancies:	None.
Mothering:	Bad.
History of Pregnancy:	Mother ill all through pregnancy.
History of Confinement:	Doctor attended, baby born prematurely at $7\frac{1}{4}$ months.

CASE 10—(*Continued.*)

- History on Registration:** Baby "unable to swallow," has had mucoid diarrhoea and wasted since birth. Has had severe snuffles, eruption and restlessness since two or three days old.
- Condition on Registration:** Marasmic, syphilitic eruption, mouth fissures, purulent rhinitis, umbilical hernia, ashen colour, acute misery.
- Subsequent History:** At 1 month admitted to Infants' Hospital. Had chronic mucous enteritis with hæmorrhage, palatal ulcers, chronic neurosis, chronic laryngitis, steadily losing weight. Was there two weeks, and discharged with intestinal condition practically cured.
- Subsequently had milk infection (September) and thereafter failed rapidly.
- Died aged $1\frac{3}{4}$ months, certified "Congenital Specific Disease."

CASE 11 (Girl).

Registered at 7 months.

- Home Conditions:** Back-to-back house, privy and wet ashpit; 5 rooms, 8 in family.
- Father's History:** Soldier, previously quarryman, "has heart trouble."
- Mother's History:** Housewife, previously shop assistant. Blood reported Wassermann "positive."
- Previous Pregnancies:** **Eight:—**
 (1st) child died aged 2 days, after instrumental labour.
 (2nd) child died aged $1\frac{1}{2}$ years of "Fits."
- Mothering:** Fair.
- History of Pregnancy:** Mother felt fairly well.
- History of Confinement:** Midwife's case.
- History on Registration:** Referred by private practitioner to the Clinic. According to mother's history got on well up to one month ago. Has had vomiting and drowsiness for the last three weeks.
- Condition on Registration:** Marasmic, and under length for age, marked cranial bossing and craniotabes, very depressed nasal bridge, enlarged rib and wrist epiphyses. Respiratory and circulatory failure, unconscious, no corneal reflex, head retraction.
- Subsequent History:** Admitted to Infants' Hospital at once. Examination of cerebro-spinal fluid negative. Blood reported Wassermann "positive."
- Had also nephritis and chronic mucous enteritis with much hæmorrhage, syphilitic ulcers, abscesses and lip fissures, and tetany.
- Died aged $8\frac{3}{4}$ months in Hospital, certified "Chronic Meningitis."

CASE 12 (Girl).

Registered at 3 weeks.

Home Conditions:	Back-to-back house, 2 rooms, 5 in family.
Father's History:	Paper hawker; discharged from army as medically unfit, "delicate man," weak heart, chronic bronchitis, bad eyesight from infancy. His father died very young. His mother died in an asylum.
Mother's History:	Housewife, previously mill-hand; says she feels well, looks degenerate, low type, profound yellow anæmia. Blood reported Wassermann "strongly positive."
Previous Pregnancies:	Five:— (3rd) child died aged 4 years, "Measles and Pneumonia." (4th) child born prematurely at 6 months, lived half an hour. (5th) child died aged 3 months of "Fits," one year ago.
Mothering:	Bad.
History of Pregnancy:	Mother "felt well all through."
History of Confinement:	Midwife's case, baby born prematurely at 8 months.
History on Registration:	Eruption, snuffles, crying and diarrhœa from birth. Under private practitioner up to date, who now refers infant to Clinic for hospital treatment.
Condition on Registration:	Atrophy, length 17¼in., severe hæmorrhagic rhinitis, syphilitic pemphigus with gangrene, generalised oral and tonsillar mucous patches and lip fissures.
Subsequent History:	Referred at once to Union Hospital, as no Infants' Hospital cot available. Blood reported Wassermann "strongly positive." Died there aged one month, certified "Congenital Syphilis."

CASE 13 (Boy).

Registered at 3 weeks.

Home Conditions:	Back-to-back house, 3 rooms, 4 in family.
Father's History:	Woolcomber, suffering from "Consumption."
Mother's History:	Housewife, previously mill-hand; chronic eruption on face; feeble-minded.
Previous Pregnancies:	Three:— (1st) child living, attended Infant Clinic, was ill and wasted during infancy. (2nd) child died aged 1¾ years, cause unknown. Was syphilitic and had attended Infant Clinic. (3rd) child died aged 2½ years of "Consumption," had attended Infant Clinic and was syphilitic.
Mothering:	Very bad.
History of Pregnancy:	Felt fairly well.
History of Confinement:	Midwife's case.
History on Registration:	Crying, wasting, snuffles, and mucoid diarrhœa since birth, rash all over since one week old.

CASE 13—(Continued.)

Condition on Registration: Nutrition subnormal, abnormal head ossification, enlarged rib epiphyses, syphilitic rash and skin lesions, deep mouth fissures, laryngitis, intense misery.

Subsequent History: Referred to Union Hospital at once. Died there aged $1\frac{1}{4}$ months, certified "Syphilitic Marasmus."

CASE 14 (Girl).

Registered at 3 weeks.

Home Conditions: Back-to-back house, 3 rooms, 4 in family.

Father's History: Tramway employée, previously woolsorter, temporarily exempt from Army, appealed on "domestic grounds." Deserted wife at 5th month of this pregnancy; has had venereal disease for seven years, is "peculiar."

Mother's History: Housewife, previously mill-hand. Was treated for syphilis at Royal Infirmary two years ago. Blood reported Wassermann "positive" in middle of this pregnancy. Having free municipal dinners; extremely dirty.

Previous Pregnancies: **Three:—**
 (1st) child living aged 7 years, delicate and has chronic bronchitis.
 (3rd) miscarriage at 6th month.

Mothering: Very bad.

History of Pregnancy: Mother had limited course of Salvarsan treatment in mid-pregnancy at Antenatal Clinic.

History of Confinement: Born in Municipal Maternity Home.

History on Registration: Has lost weight steadily and snuffled from birth.

Condition on Registration: Nutrition normal, under minimum normal birth length, abnormal head ossification, umbilical hernia, snuffles.

Subsequent History: Atrophy, had double otorrhœa, oral mucous patches, chronic rhinitis and meningitis. Defaulted from Clinic at $4\frac{1}{4}$ months.
 Died in Union Hospital at $4\frac{3}{4}$ months, certified "Syphilitic Marasmus."

CASE 15 (Boy).

Registered at 2 weeks.

Home Conditions: Back-to-back house, 3 rooms, 5 in family.

Father's History: Labourer; discharged from Army as medically unfit; delicate, tuberculous.

Mother's History: Housewife, previously mill-hand. Has periodic attacks of loss of consciousness, uterine hæmorrhages, very carious teeth, Hutchinsonian, is very depressed, under private practitioner. Blood reported Wassermann "doubtful."

CASE 15—(*Continued.*)

Previous Pregnancies:	Two:— (1st) child living, attended Infant Clinic. (2nd) child died aged 10 months of "consumptive bowels," had attended Clinic and defaulted.
Mothering:	Bad.
History of Pregnancy:	Mother worked first 8 months.
History of Confinement:	Midwife's case.
History on Registration:	Snuffles and discharging eyes from birth. Baby has seen no doctor.
Condition on Registration:	Atrophy, under length for age, multiple adenitis, syphilitic eruption and neurosis, anæmia, marked myotonia.
Subsequent History:	Unsatisfactory nutritional progress. At 3 months admitted to Infants' Hospital. Blood reported Wassermann "negative." Had chronic eruption, oral ulcers and chronic mucous enteritis, vomiting, chronic rhinitis, very irregular temperature (subnormal to 104 deg. F.). Re-admitted three times for periods of six weeks, four weeks and a few days. Had much bronchitis, and marked neurosis. Considerably improved each time in hospital and relapsed (greatly neglected) whenever he went home. Made no real progress, however. Mother was at work, but refused baby's admission to Union Hospital. Defaulted from Clinic, and died aged 8 months, private practitioner attending, certified "Marasmus."

CASE 16 (Boy, Illegitimate).

Registered at one month.

Home Conditions:	Back-to-back house, 2 rooms, 5 in family.
Father's History:	Labourer, said to be healthy, but no reliable history obtainable. Married man, separated from wife.
Mother's History:	Housewife, previously mill-hand; living with father of infant in her mother's home. Has secondary syphilitic eruption, etc., feeble-minded; very dirty.
Previous Pregnancies:	Four:— (1st) child, illegitimate by father A, living, aged 9, had fits in infancy, wears glasses. (2nd) child, illegitimate by father A, died aged 10 months, of ? (3rd) child, illegitimate by father B, died aged 7½ months of ? (4th) child, illegitimate by father B, living, aged 5 years. (N.B.—Present infant illegitimate by father C.)
Mothering:	Bad.
History of Pregnancy:	Mother was ill during later months.
History of Confinement:	Midwife's case.

CASE 16—(Continued.)

- History on Registration:** Was malnourished at birth and has snuffled from birth, has had ophthalmia neonatorum, has wasted last two weeks. Referred by Municipal Eye Hospital to Infant Clinic.
- Condition on Registration:** Under minimum normal birth length, marasmic, abnormal head ossification, chronic rhinitis, ophthalmia neonatorum, anæmia, multiple adenitis, nephritis, mucous enteritis, syphilitic eruption and skin lesions, extreme debility.
- Subsequent History:** Blood reported Wassermann "positive." Referred to Union Hospital for isolation, but mother did not go, and infant died next day, certified "Congenital Specific Disease."

CASE 17 (Girl).

Registered at $1\frac{1}{4}$ months.

- Home Conditions:** Back-to-back house, 4 rooms, 4 in family.
- Father's History:** Died six months before birth of infant of tuberculosis; was a labourer.
- Mother's History:** Very ill at present with Phthisis in Sanatorium; never had a trade.
- Previous Pregnancies:** **Three:—**
 (2nd) child died aged 24 hours, ? cause.
 (3rd) child died aged 13 months of "Consumption," 3 months before registration of baby.
- Mothering:** Bad.
- History of Pregnancy:** Mother very ill with Phthisis all through.
- History of Confinement:** Midwife's case.
- History on Registration:** No reliable history—baby brought up and "nursed" by aunt, as mother ill.
- Condition on Registration:** Under minimum normal birth length, atrophied, anæmic, umbilical hernia.
- Subsequent History:** Paid only four visits to Infant Clinic. At last visit had bronchitic signs with marked dyspnœa and was very debilitated. Defaulted from Clinic.
 Died at $2\frac{3}{4}$ months, private practitioner attending, certified "Marasmus."

CASE 18 (Girl).

Registered at 3 months.

- Home Conditions:** Back-to-back house, privy and wet ashpit, 3 rooms, 7 in family.
- Father's History:** Munition worker, previously factory hand; alcoholic, assaults wife who summonses him periodically. Attending Venereal Clinic at Royal Infirmary. History of insanity in brothers.
- Mother's History:** Housewife, previously mill-hand; has chronic ill-health and neuritis, under private doctor. Has old iritis and profound anæmia. Is very unreliable.

CASE 18—(*Continued.*)

Previous Pregnancies:	Fifteen:— (2nd) child living aged 24 (married), “delicate.” (4th) child died aged 18 months of “Diarrhœa.” (5th) child died aged 4 months, “found dead.” (7th) child died aged 4 days of “Prema- turity.” (9th) stillbirth, full-time. (11th) child died aged $1\frac{3}{4}$ months of ? (12th) child living aged 6 years, attended Infant and Child Clinics (syphilitic). (13th) child died at $2\frac{3}{4}$ months of “syphilitic marasmus,” attended Infant Clinic. (14th) stillbirth, full-time. (15th) stillbirth at 8 months.
Mothering:	Bad.
History of Pregnancy:	Mother felt poorly all through.
History of Confinement:	Midwife's case.
History on Registration:	Eyes discharging, snuffling, diarrhœa and pro- gress bad since birth. Baby has seen no doctor.
Condition on Registration:	Marasmus, under length for age, syphilitic skin lesions, congenital heart disease, purulent conjunctivitis, anæmia.
Subsequent History:	Gained well, but had chronic rhinitis, bronchitis, gastro-intestinal disorder, convulsions. De- faulted from Infant Clinic at $6\frac{1}{4}$ months old. Died aged 10 months in Union Hospital, certified “Measles and Pneumonia.”

CASE 19 (Boy, Twin).

Registered at one month.

Home Conditions:	Back-to-back house, privy and wet ashpit, 3 rooms, 7 in family.
Father's History:	In Army, previously cab driver; near-sighted and deaf from boyhood.
Mother's History:	Housewife, no previous trade. Delicate and profoundly anæmic, has had severe, chronic ulcerated leg 7 years. Her mother died at 40 years after 8 years' history of “strokes” and invalidism.
Previous Pregnancies:	Six:— (1st) child living, aged six, was a delicate infant, “going on well now.” (2nd) miscarriage at 2nd month. (3rd) twin, child died aged 10 months of “Pneumonia.” ,, twin to above, living, was a delicate infant, “going on well now.” (4th) child living, was a delicate infant, “going on well now.” (5th) child living, was a delicate infant, “going on well now.” (6th) child living, attended Infant Clinic, was syphilitic, said to be “going on well now.”

CASE 19—(*Continued.*)

Mothering:	Good.
History of Pregnancy:	Mother very poorly and suffered much from ulcerated leg all through, attended Royal Infirmary four times. Had free municipal dinners.
History of Confinement:	Midwife's case.
History on Registration:	Snuffling and crying since birth, repeated convulsions since two weeks old, mucoid diarrhoea recently.
Condition on Registration:	Under birth length, marasmus, abnormal head ossification, purulent rhinitis, anæmia, supernumerary thumb.
Subsequent History:	From 2nd month had repeated fits, laryngismus stridulus, chronic laryngitis, bronchitis and chronic neurosis. At 5 months had severe milk infection (February). From 7th month had multiple adenitis, enlargement of rib epiphyses, extensive craniotabes and bronchitis. In 12th month muscular development much delayed, malformed chest, and length only 25 inches. Had milk infection at 11½ months (September) and died, private practitioner attending, certified "Infective Enteritis."

CASE 20 (Boy).

Registered at 6¼ months.

Home Conditions:	Back-to-back house, 2 rooms, 5 in family.
Father's History:	Factory hand, history unobtainable.
Mother's History:	Housewife, previously mill-hand. Always feels poorly, has chronic leucorrhœa and gets "dizzy attacks," eruption and scars on face, debilitated, mentally abnormal, very dirty.
Previous Pregnancies:	Six:— (2nd) child died aged 4 years of "Fits." (3rd) child died aged 3½ years of "Fits." (4th) child died aged 8 months under operation for removal of tonsils and adenoids. Was malnourished at birth and always delicate. (5th) child died aged 2 days of "Prematurity."
Mothering:	Bad.
History of Pregnancy:	Mother worked first five months, felt very poorly throughout.
History of Confinement:	Midwife's case.
History on Registration:	Any reliable history unobtainable. Baby has never seen a doctor.
Condition on Registration:	Under minimum normal length for age, i.e., 21½ ins. (minimum length of a normal infant of one month old), atrophy, abnormal head ossification, enlarged rib epiphyses, malformed chest, postural kyphosis, 2 carious teeth, anæmia, syphilitic eruption, mentally deficient, very dirty, wretched and neglected.
Subsequent History:	At second visit had bronchitis and thereafter defaulted in attendance at the Clinic. Died at 10 months, private practitioner attending, certified "Bronchitis and Convulsions."

CASE 21 (Girl, Illegitimate).

Registered at 2 weeks.

Home Conditions:	Mother living with married sister who nurses baby. Back-to-back house, stuffy and damp, wet ashpit and privy, 2 rooms, 3 in family.
Father's History:	Soldier, previously woolcomber; health history unknown.
Mother's History:	Mill-hand; more or less feeble-minded. Says has always been healthy. Looks very anæmic. Was treated in Union Hospital for venereal disease and empyema two years ago. Her mother died at 42 of chest trouble and her sister at 21 of the same. Blood reported Wassermann "strongly positive."
Previous Pregnancies:	One:— By different father, stillbirth at 7 months.
Mothering:	Fair.
History of Pregnancy:	Mother worked in the mill first seven months of pregnancy, says she felt "quite well."
History of Confinement:	Doctor attended.
History on Registration:	Snuffles, restlessness and digestive disorder from birth, entirely breast-fed but not satisfactorily, as nipples defective.
Condition on Registration:	Under normal birth length, subnormal nutrition, very restless, abnormal head ossification.
Subsequent History:	At 2 months was admitted to Infants' Hospital with acute syphilitic epiphysitis. Blood reported Wassermann "strongly positive." Had cranial nerve paralyses, chronic rhinitis, chronic eruption and skin lesions. Was there one month and discharged very much improved. Re-admitted 2 weeks later with well marked meningitis. Had mucous enteritis with hæmorrhage, oral ulcers and relapsing skin ulcerations. Was there 3 weeks, discharged improved. Re-admitted 3 weeks later, and discharged having gained well, but with little improvement in symptoms. Re-admitted one week later. All symptoms became markedly worse, had increasing paralysis of limbs, and died in Hospital aged 6½ months, certified "Congenital Syphilis."

CASE 22 (Girl, Twin).

Registered at 3 weeks.

Home Conditions:	Back-to-back house, privy and wet ashpit; 3 rooms, 7 in family.
Father's History:	Joiner, re-married, first wife dead; unfit for Army—has heart disease and periodic mental trouble, when he assaults wife. Wife later had to leave him for good.
Mother's History:	Housewife, no previous trade, superior. Has been delicate all her life with sore throats and chronic nasal catarrh. Had enlarged glands in neck and axilla a year ago, removed at Royal Infirmary, and thought to be tuberculous. Has chronic pain in right iliac fossa, looks "renal," and is very much debilitated and depressed. Her mother died of uterine cancer.

CASE 22—(*Continued.*)**Previous Pregnancies:****One:—**

(1st) child living aged 4 years. Attended Infant Clinic and was for long in Infants' Hospital, syphilitic and extremely ill during infancy. Now attending Child Clinic, and said to be "going on well." Mother was very ill with kidney disease and dropsy during the pregnancy.

(2nd) stillbirth at 8 months, twin to present infant.

Mothering:

Good.

History of Pregnancy:

Mother very ill with "kidney disease," and under private practitioner.

History of Confinement:

Doctor attended, baby born prematurely at 8 months.

History on Registration:

Very small and weakly at birth, has snuffled since birth. Navel inflamed and hæmorrhaging, and has wasted during past week.

Condition on Registration:

Marasmic, weight 3lbs. 9ozs., length $17\frac{3}{4}$ ins., very feeble, marked waxy anæmia, purulent conjunctivitis, omphalitis, malformed chest.

Subsequent History:

Admitted at once to Infants' Hospital. Had chronic syphilitic eruption and fissures, mucous enteritis with recurring hæmorrhages, cranial nerve paralyses, nephritis, hyperpyrexia (108 deg. F) with hæmatemesis, cardiac dilatation. Began to gain well and steadily in weight from $1\frac{3}{4}$ months, in spite of persistence of various symptoms. Was in hospital 7 weeks, and discharged much improved.

Subsequent progress very bad. Had hepatic disease, chronic eruption, pseudo-furuncles, chronic rhinitis, etc., and was reduced to absolute marasmus.

At 4 months had milk infection. Re-admitted to Infants' Hospital within 24 hours of attack practically moribund.

Died there same day, certified "Prematurity and Gastro-enteritis."

CASE 23 (Girl, Illegitimate).

Registered at 2 weeks.

Home Conditions:

Mother lodges with a family. Back-to-back house, 4 rooms, 6 persons.

Father's History:

Labourer, was an Army Reservist. Married man, has lived with infant's mother 8 years, and has recently left her. "Bad lot," health history unobtainable.

Mother's History:

Housewife, previously mill-hand. Delicate, has been under panel doctor for years for chronic chest trouble. "Gets dizzy attacks with cold sweats," profoundly anæmic, has had uterine prolapse since confinement. Having free municipal dinners as infant breast-fed.

CASE 23—(Continued.)

Previous Pregnancies:	Five:— (1st) child died aged 7 months of "Fits" (illegitimate by different father). (2nd) child died aged 4 months, "gastro- intestinal disorder," had attended Infant Clinic (illegitimate). (3rd) child died aged $1\frac{3}{4}$ years of "Pneu- monia," attended Infant Clinic, was syphilitic (illegitimate). (4th) child living, attended Infant Clinic, said to be going on well (illegitimate). (5th) child died aged 18 months of ?. Attended Infant Clinic, was syphilitic (illegitimate).
Mothering:	Bad.
History of Pregnancy:	Mother worked in mill, and had free municipal dinners during first seven months. Felt very poorly.
History of Confinement:	Doctor attended, instrumental, prolapse of uterus subsequently.
History on Registration:	Mother considers condition and progress quite satisfactory.
Condition on Registration:	Nutrition normal, under minimum normal birth length, abnormal head ossification, inflam- matory congestion of oral and pharyngeal mucous membranes, snuffling, syphilitic eruption and skin lesions.
Subsequent History:	Paid only four visits. At last visit had bron- chitis. Died of this aged one month, private practitioner attending, certified "Bronchitis and Convulsions."

CASE 24 (Boy).

Registered at 2 weeks.

Home Conditions:	Back-to-back house, 3 rooms, 6 in family.
Father's History:	Labourer, discharged soldier; health history unreliable.
Mother's History:	Housewife, previously mill-hand. Health history unreliable, states "quite healthy," but looks very unhealthy, yellow anæmia, husky, low type, and very low grade of intelligence.
Previous Pregnancies:	Eight:— 3 children living, health history quite un- reliable; 4 children dead in infancy of "wasting," and 1 stillbirth, full time.
Mothering:	Bad.
History of Pregnancy:	Mother felt quite well, had free municipal dinners in later months.
History of Confinement:	Midwife's case.
History on Registration:	Mother thinks infant has made good progress.
Condition on Registration:	Nutrition normal, has catarrhal omphalitis and oral mucous patches.
Subsequent History:	Defaulted in attendance from 1st visit to 4 months old, as mother returned to work. On return was atrophied and anæmic, had ab- normal head ossification, chronic syphilitic eruption and gastro-intestinal disorder.

CASE 24—(Continued.)

At 5 months old admitted to Infants' Hospital with acute bronchitis, etc. Was there about 2 months and improved considerably.

At $6\frac{3}{4}$ months developed Whooping Cough, and was referred to Union Hospital from Infants' Hospital for isolation.

Died there aged 7 months, certified "Whooping Cough and Pneumonia."

CASE 25 (Boy).

Registered at $4\frac{1}{4}$ months.

Home Conditions: Back-to-back-house, 3 rooms, 5 in family.
Father's History: Woolcomber; medically unfit for Army, chronic bronchitis.
Mother's History: Housewife, previously mill-hand; very anæmic, feeble-minded, very dirty.
Previous Pregnancies: **Seven:—**
 * (1st) child died at 11 months of "Fits."
 (2nd) child died at 1 week of "Fits."
 (5th) child died at 14 months of "Fits," attended Infant Clinic.
 (6th) child died at 3 months of "Fits."
Mothering: Bad.
History of Pregnancy: Mother felt poorly throughout.
History of Confinement: Midwife's case.
History on Registration: "Got on" until six weeks old, but has snuffled from first week. Had repeated fits and eruption in 2nd month, and has wasted ever since. Has been under private practitioner, and was referred by him to Infant Clinic.
Condition on Registration: Marasmic, abnormal head ossification, multiple adenitis, chronic rhinitis, anæmia, generalised fading eruption, umbilical hernia.
Subsequent History: At $4\frac{3}{4}$ months admitted to Infants' Hospital. Had continuing epistaxis, syphilitic eruption, skin lesions, and marked evanescent head retraction. Was there 3 weeks, discharged much improved.
 In 7th month had repeated convulsions, gradual development of cranial nerve paralyses, and finally chronic meningitis.
 At $7\frac{3}{4}$ months re-admitted to Hospital, as greatly neglected and verminous, was there 10 days, condition improved on discharge.
 Defaulted from Clinic, and died aged $8\frac{1}{2}$ months, private practitioner attending, certified "Congenital Syphilis."

CASE 26 (Girl. Twin).

Registered at 2 months.

Home Conditions: Back-to-back house, 2 rooms, 3 in family.
Father's History: In Army, previously factory hand; has poor health, weak heart, "rheumatic pains."

CASE 26—(Continued.)

Mother's History:	Housewife, previously mill-hand. Has felt poorly for last four years, much worse since confinement. Has dizziness, headache, sleeplessness, "feels all nerves," has backache and abdominal pain, chronic leucorrhœa and uterine hæmorrhage. Examined by Venereal Disease Officer during infant's attendance at the Infant Clinic, who reported state of health very bad and erosion of cervix.
Previous Pregnancies:	One:— (1st) Miscarriage at 4 months. (2nd) child living, twin to this infant, attending Infant Clinic, syphilitic. Died after registration of baby aged $5\frac{1}{4}$ months of "Marasmus and Convulsions."
Mothering:	Fair.
History of Pregnancy:	Mother worked first 7 months.
History of Confinement:	Doctor attended.
History on Registration:	Small, malnourished baby at birth. Weaned at 10 days on doctor's advice owing to defective nipples. Has had snuffles, restlessness, and made no progress since birth.
Condition on Registration:	Under minimum normal birth length, atrophy, abnormal head ossification, enlarged rib epiphyses, multiple adenitis, chronic rhinitis, and anæmia, remains of eruption.
Subsequent History:	Had syphilitic eruption and skin lesions, and chronic rhinitis. At 4 months admitted to Infants' Hospital. Had chronic skin, mouth and other mucous membrane lesions, cirrhosis of liver, mental deficiency. At $5\frac{3}{4}$ months, marked, diffuse craniotabes of whole skull, myotonia. At $6\frac{1}{2}$ months developed laryngismus stridulus and attacks of hyperpyrexia. Was discharged from Hospital after 3 months unimproved. Subsequently made no progress and lost weight. Defaulted from Clinic at 10 months. Died, private practitioner attending, aged $10\frac{3}{4}$ months, certified "Debility from birth (twin), and Bronchitis."

CASE 27 (Boy).

Registered at one month.

Home Conditions:	Back-to-back house, 2 rooms, 4 in family.
Father's History:	Labourer, discharged from Army, alcoholic, separated from wife.
Mother's History:	Housewife, previously mill-hand. Just discharged from Union Hospital. Extremely ill and debilitated, emaciated, anæmic, much abdominal pain. Had secondary syphilitic rash when attending Clinic with 4th child. Going to seek work as soon as well enough, as has no income.

CASE 27—(Continued.)

Previous Pregnancies:	Seven:— (1st) child died aged 20 minutes, ? birth injury. (4th) child died aged 18 months of "Epidemic Diarrhœa and Fits." Attended Infant Clinic, was syphilitic. (5th) child died aged 2½ months, ? cause. (6th) stillbirth at 7 months. (7th) child died aged 4 months of "Congenital Syphilis," attended Infant Clinic.
Mothering:	Solicitous affectionate mother, has always done her utmost for her babies against great odds.
History of Pregnancy:	Mother very poorly with debility and œdema of legs throughout pregnancy, worked 7½ months in mill.
History of Confinement:	Doctor attended, instrumental delivery. Mother removed to Union Hospital with puerperal sepsis.
History on Registration:	Infant has made no progress since birth.
Condition on Registration:	Atrophied, under minimum birth length, abnormal head ossification, anæmia, syphilitic eruption.
Subsequent History:	Infant not seen after first visit for one month, as mother was so ill she was obliged to return to the Union Hospital. On return, infant marasmic, frantic incessant screaming, syphilitic skin lesions, chronic laryngitis, faucitis, chronic vomiting and enlarged liver, severe mucous enteritis. Admitted to Infants' Hospital, had palatal ulcers and anal fissures, gradually failed and died there at 2½ months, certified "Congenital Specific Disease."

CASE 28 (Boy, Illegitimate).

Registered at 3 weeks.

Home Conditions:	Through house, 3 rooms, 5 in family.
Father's History:	Tramway employee; married man; health history unknown.
Mother's History:	Tramway employee, previously mill-hand. Has always been anæmic and delicate, has chronic cough and leucorrhœa.
Previous Pregnancies:	None.
Mothering:	Fair.
History of Pregnancy:	Mother felt poorly and visited private practitioner for "indigestion." Worked first six months.
History of Confinement:	Doctor attended, instrumental delivery.
History on Registration:	Mother considers infant's progress and condition quite normal.
Condition on Registration:	Nutrition normal, abnormal head ossification, general eruption and buttocks ulceration, omphalitis.
Subsequent History:	Had chronic but evanescent eruption and rhinitis, and at 5½ months well-marked cranio-tabes. Gained very well in weight and was cheerful and happy, and beginning to teeth normally.

CASE 28—(Continued.)

At 6 months developed Measles, and thereafter had marked exacerbation of syphilitic manifestations, and wasted. At 7 months was taken into Infants' Hospital, condition being very bad. Mother was at work in the mill. Her mother "nursed" the baby, but was too delicate and feeble to attend the Clinic with it—"a young aunt will bring the baby up if he can get a start in the Infants' Hospital." Had hyperpyrexia (Temp. 107 deg. F.) and cerebral hæmorrhage 3 days after admission, and died, aged 7 months, certified "Cerebral Hæmorrhage."

CASE 29 (Boy).

Registered at 2 weeks.

Home Conditions:	Back-to-back house, privy and wet ashpit (condemned property), 2 rooms, 3 in family.
Father's History:	Labourer; rejected as unfit for Army, chronic ill-health, cause unknown.
Mother's History:	Housewife, previously mill-hand. Was always very delicate, did not walk until 2 years old, anæmic, unhealthy, low type, mentally deficient, dirty. Father died at 45 of a "Stroke." Mother died at 43.
Previous Pregnancies:	Three:— (1st) child died at 6 weeks, ? cause, had been "ill from birth." (2nd) child died at 6 months of "Fits." (3rd) stillbirth, full-time.
Mothering:	Bad.
History of Pregnancy:	Mother poorly all through.
History of Confinement:	Midwife's case.
History on Registration:	No reliable history obtainable except snuffles from birth, and "no use of arms and legs last few days." Baby has seen no doctor.
Condition on Registration:	Under minimum normal birth length, marasmic, purulent rhinitis, inflammatory congestion of oral and pharyngeal mucous membrane, syphilitic pemphigus, general enlargement of superficial veins, omphalitis, syphilitic epiphysitis, extreme distress.
Subsequent History:	Admitted to Infants' Hospital at once. Had nephritis, hæmorrhage from various mucous membranes, including conjunctivæ, and severe mucous enteritis. Extremely offensive odour from body with general discolouration of skin, etc., hence was transferred to Union Hospital from Infants' Hospital. Died there aged 2½ months, certified "Congenital Syphilis."

CASE 30 (Girl, Illegitimate).

Registered at 3 months.

Home Conditions:	Back-to-back house, 2 rooms, 3 in family.
Father's History:	Miner, discharged from Army in December, 1914. Has defective eyesight, health history unknown, was brought up in an institution.

CASE 30—(Continued.)

Mother's History:	Had St. Vitus' Dance in childhood. Married woman, but has not lived with husband. Her mother lost six children in infancy.
Previous Pregnancies:	One:— Died aged $2\frac{1}{2}$ months, weighed $3\frac{1}{2}$ lbs. at birth, wasted, and "could not digest anything."
Mothering:	Bad.
History of Pregnancy:	Poorly, and visited private practitioner.
History of Confinement:	Attended by doctor.
History on Registration:	Had repeated convulsions at six weeks old. Since then has wasted and had ulcerated buttocks, incessant crying and gastro-intestinal disorder.
Condition on Registration:	Under minimum normal length for age, marasmic, abnormal head ossification, anæmia, syphilitic eruption and skin lesions, multiple adenitis.
Subsequent History:	Defaulted from Clinic after 2nd visit. Died aged $3\frac{1}{2}$ months, private practitioner attending, certified "Bronchitis and Convulsions."

CASE 31 (Girl).

Registered at 2 months.

Home Conditions:	Living with mother-in-law, back-to-back house, 3 rooms, 4 in family.
Father's History:	In Army, previously woolcomber; "not a strong man."
Mother's History:	Housewife, previously laundress. Has "always been delicate," very anæmic. Has double corneal opacities.
Previous Pregnancies:	Two:— (1st) child died at $5\frac{1}{2}$ months of "Fits and Bronchitis." (2nd) child living aged 18 months, has always been puny and delicate, now under private practitioner, attended Infant Clinic.
Mothering:	Bad.
History of Pregnancy:	Mother had ante-partum hæmorrhage at third month; and was in Union Hospital for 3 weeks.
History of Confinement:	Midwife's case.
History on Registration:	Impossible to obtain reliable history.
Condition on Registration:	Nutrition normal, snuffling, anæmia, eruption.
Subsequent History:	Eruption definitely syphilitic, chronic rhinitis. Defaulted from Infant Clinic at $3\frac{1}{2}$ months. Found dead in bed at 4 months. Inquest, verdict, "Convulsions."

CASE 32 (Boy).

Registered at 2 weeks.

Home Conditions:	Back-to-back house, 3 rooms, 9 in family.
Father's History:	In labour battalion, previously a carter; "has a weak heart."

CASE 32—(Continued.)

Mother's History:	Housewife, previously mill-hand; health history unobtainable, very anæmic, feeble-minded.
Previous Pregnancies:	Nine:— (1st) child died aged 8 months of "Fits." (7th) child died aged 3 weeks of "Epidemic Diarrhœa."
Mothering:	Bad.
History of Pregnancy:	Unreliable.
History of Confinement:	Midwife's case.
History on Registration:	Unreliable.
Condition on Registration:	Subnormal nutrition, icterus neonatorum, hare-lip (double, incomplete, complicated).
Subsequent History:	Referred to Hospital surgeon, who did not wish to operate until infant was six months old. Lost steadily in weight. At 2 months admitted to Infants' Hospital. Had mucous enteritis and continued extreme restlessness. Referred to Union Hospital 2 weeks later, no improvement on discharge. Died there aged $2\frac{3}{4}$ months, certified "Marasmus and Congenital Hare Lip."

CASE 33 (Boy).Registered at $6\frac{1}{4}$ months.

Home Conditions:	Back-to-back house, 3 rooms, 9 in family.
Father's History:	Woolcomber, medically unfit for Army, health history unreliable.
Mother's History:	Housewife, previously mill-hand, health history unreliable.
Previous Pregnancies:	Eight:— (2nd) child died at 18 months of "Pneumonia and Fits." (6th) child living aged 5 years, attended Infant Clinic, was syphilitic. (7th) child died aged 8 months of "Marasmus and Fits," attended Infant Clinic, was syphilitic. (8th) child living aged $2\frac{1}{2}$ years, attended Infant Clinic, was syphilitic.
Mothering:	Extremely bad, as with previous children attending Infant Clinic.
History of Pregnancy:	Nothing of note.
History of Confinement:	Midwife's case.
History on Registration:	Eyes have discharged and has had gastrointestinal disease from birth, has wasted lately. Has never seen a doctor.
Condition on Registration:	Under minimum normal length for age, marasmic, abnormal head ossification, arched palate, supernumerary fingers and webbed toes (both feet), enlarged rib epiphyses, marked postural kyphosis and general weakness, profound anæmia, snuffling, right orchitis and left undescended testicle.
Subsequent History:	Attended only three times, dirty and neglected, chronic eruption and purulent conjunctivitis. Could not be admitted to Infants' Hospital as no cot available. At $7\frac{1}{2}$ months defaulted from Clinic. Died aged $9\frac{3}{4}$ months, private practitioner attending, certified "Marasmus."

CASE 34 (Boy, Illegitimate).Registered at $2\frac{1}{2}$ months.

- Home Conditions:** Living with married sister. Back-to-back house, 3 rooms, 7 in family.
- Father's History:** Mother knows nothing about him.
- Mother's History:** Mill-hand; married, but has not seen husband for $2\frac{1}{2}$ years; more or less feeble-minded, profoundly anæmic, very dirty.
- Previous Pregnancies:** **Three:**—
 (1st) child living, illegitimate.
 (2nd) child died aged 6 months of "Epidemic Diarrhœa," attended Infant Clinic.
 (3rd) child living aged 2 years, attended Infant Clinic.
- Mothering:** Extremely bad.
- History of Pregnancy:** Mother says she "felt quite well." Worked in the mill first $8\frac{1}{4}$ months.
- History of Confinement:** Midwife's case.
- History on Registration:** Has had snuffles since birth. Had "Bronchitis" and "Fits" at $1\frac{3}{4}$ months old and began to waste, was admitted to Children's Hospital then and discharged three days ago. Mother's history very difficult to obtain.
- Condition on Registration:** Marasmus, abnormal head ossification, malformed chest, enlarged rib epiphyses, anæmia, snuffling, umbilical hernia, mucous enteritis, undescended testicles, chronic eruption and skin lesions, mental deficiency, very dirty and neglected. Mother at work in mill, is very anxious to get infant off her hands. Nursed at present by mother's married sister, who previously attended the Clinic with her own infant, and was an exceedingly bad mother.
- Subsequent History:** Progress unsatisfactory. At $3\frac{1}{2}$ months admitted to Infants' Hospital. Had chronic syphilitic skin lesions and other manifestations, chronic bronchitis and finally pulmonary fibrosis and frequent atelectic seizures. Was discharged after $2\frac{1}{2}$ months, improved. Infant then referred to Union Hospital on account of condition and bad "mothering," but mother and relatives refused to take it there.
 One week later re-admitted to Infants' Hospital, had mucous enteritis, incessant purposeless screaming, quite mentally deficient. Discharged improved after 3 weeks.
 Subsequent progress very bad. Had chronic eruption and rhinitis, marasmus, "jelly-like" tissues, chronic chest trouble, enlarged liver, much dentitional trouble.
 Developed meningitis, and was re-admitted to Infants' Hospital with this and milk infection at $9\frac{3}{4}$ months. Died there within 48 hours, certified "Specific Meningitis."

CASE 35 (Boy).

Registered at 2 weeks.

- Home Conditions:** Through house, bathroom, w.c., and pantry, dry ashpit, 5 rooms, 5 in family.

CASE 35—(Continued.)

Father's History:	Tradesman; B2, unhealthy, suffers from "nerves" and "weak digestion." Had St. Vitus' Dance in childhood.
Mother's History:	Housewife, previously mill-hand; "not very strong," nervous, and run-down owing to infant's incessant screaming.
Previous Pregnancies:	Three:— (1st) miscarriage at 3 months. (2nd) child living aged 5 years, wasted and cried incessantly during infancy, now has enlarged tonsils. (3rd) child living aged 3½ years, very wasted and ill during infancy, but improved under care of Clinic.
Mothering:	Bad.
History of Pregnancy:	Nothing of note.
History of Confinement:	Attended by doctor.
History on Registration:	Snuffling, restlessness, eruption and no progress since birth.
Condition on Registration:	Under length for age, marasmic, abnormal head ossification, anæmia, chronic rhinitis, syphilitic eruption and skin lesions, oral and tonsillar ulceration, acidosis.
Subsequent History:	Paid three visits, and then defaulted from Clinic. Died aged 1½ months, private practitioner attending, certified "Malnutrition from birth."

CASE 36 (Boy).

Registered at 1¼ months

Home Conditions:	Back-to-back house, 3 rooms, 5 in family.
Father's History:	Warehouseman, said to be healthy, but short-sighted.
Mother's History:	Housewife, previously mill-hand. Has never been strong or healthy, has had chronic eruption and skin lesions and much debility last two years; anæmic. Her mother died of myxedema, four brothers and sisters died in infancy.
Previous Pregnancies:	Two:— Nothing of note.
Mothering:	Good.
History of Pregnancy:	Mother ill throughout and attended by private practitioner. Had "abscesses and boils on body and face."
History of Confinement:	Doctor attended.
History on Registration:	Small and malnourished at birth, incessant crying and digestive disorder since birth, has had snuffles recently.
Condition on Registration:	Under minimum normal length for age, sub-normal nutrition, degenerate, frantic neurosis, snuffling, generalised eruption.
Subsequent History:	Chronic eruption, anæmia, rhinitis, but some nutritional progress. At 2½ months developed Whooping Cough. Recovered well from this.

CASE 36—*(Continued.)*

Subsequently had otorrhœa and much dental disorder. Defaulted from Clinic at $6\frac{1}{2}$ months.

Died at $9\frac{1}{2}$ months, private practitioner attending, certified "Influenza and Pneumonia."

CASE 37 (Boy).

Registered at 2 months.

Home Conditions:	Through house, 5 rooms, 7 in family.
Father's History:	Labourer, C3, very deaf and has a hernia. Remarried, 1st wife died of "puerperal sepsis."
Mother's History:	Housewife, previously mill-hand. Has felt ill and been "doctoring" ever since marriage (two years). Suffers from chronic bronchitis and spits blood. One sister died of "consumption," and six other brothers and sisters died in infancy.
Previous Pregnancies:	One:— Child died at 4 months, was "imbecile," had "water on the brain" and spina bifida, and "could not suck for three months."
Mothering:	Fair.
History of Pregnancy:	Mother much debilitated all through pregnancy, had bronchitis, attended by private practitioner.
History of Confinement:	Midwife's case.
History on Registration:	Has had snuffles from birth, and eyes discharging during newborn period; otherwise mother thinks has made good progress.
Condition on Registration:	Under length for age, nutrition normal, anæmic.
Subsequent History:	Nutritional progress unsatisfactory. Severe chronic obstructive nasal catarrh, chronic restlessness, chronic constipation, chronic vomiting. At $3\frac{1}{2}$ months admitted to Infants' Hospital for observation for one week; had marked head retraction, irregular temperature, and was very prone to collapses. On discharge from Hospital defaulted from Clinic, and died at $4\frac{3}{4}$ months, private practitioner attending, certified "Acute Sclerema."

CASE 38 (Girl).

Registered at 3 weeks.

Home Conditions:	Back-to-back house, privy and wet ashpit, 3 rooms, 6 in family. Parents live with parents-in-law.
Father's History:	Warehouseman, was conscripted and discharged after 3 months from Army. Has chronic bronchitis and suffers from frequent headaches.

CASE 38—(Continued.)

Mother's History:	Housewife, previously mill-hand. Has always been delicate, was a premature baby. Is very emaciated, anæmic and debilitated. Her mother died of a "stroke" at 54. Her father died at 70, and had had rheumatoid arthritis for thirteen years before death.
Previous Pregnancies:	Three:— (1st) child died at 3 months of "Wasting." (2nd) child living, aged 18 months, now in Union Hospital. Was born "tiny and thin exactly like this baby." (3rd) miscarriage at 3 months.
Mothering:	Bad.
History of Pregnancy:	Mother felt poorly throughout, and had chronic cough in later months.
History of Confinement:	Midwife's case.
History on Registration:	Small, malnourished baby at birth. Has wasted steadily since birth. Has seen no doctor.
Condition on Registration:	Under birth length ($16\frac{3}{4}$ ins.), marasmic, malformed chest, malformation of both ears, inflammatory congestion of oral mucous membranes, anæmia, syphilitic eruption, catarrhal omphalitis, extreme nervous tension.
Subsequent History:	Paid only four visits, no improvement, defaulted from Clinic. Died in Union Hospital at $3\frac{1}{4}$ months, certified "Marasmus."

CASE 39 (Girl).Registered at $2\frac{3}{4}$ months.

Home Conditions:	Back-to-back house, 3 rooms, 6 in family. Mother living with her family.
Father's History:	Soldier, was an Army Reservist, foreign service; in military hospital now wounded.
Mother's History:	Housewife, previously mill-hand. Has been delicate all her life. Had operations for enlarged glands in neck during adolescence, and now has recurrence of these. Has had chronic eruption for many years, still present on face. Very dirty. Her father was a drunkard, and deserted his family when very young.
Previous Pregnancies:	None.
Mothering:	Bad.
History of Pregnancy:	Mother worked in mill first six months. Her brother was killed in action at 6th month, and she was very "nervous" after that.
History of Confinement:	Midwife's case.
History on Registration:	Small and malnourished at birth, constant crying and sleeplessness since birth, otherwise mother considers infant has got on very well. Has never seen a doctor. Reliable history very difficult to obtain, mother extremely unintelligent and unobservant, not solicitous, but obstinate. Has only attended with the object of getting free food, though income above scale for this.

CASE 39—(Continued.)

- Condition on Registration:** Under length for age, marasmic, abnormal head ossification, enlarged rib epiphyses, anæmia, snuffling, syphilitic scars and skin lesions, extreme nervous tension.
- Subsequent History:** Made fair nutritional progress, had chronic eruptions and skin lesions. Mother extremely difficult to deal with and to keep attending. At 8 months old defaulted from Clinic.
Died at $10\frac{3}{4}$ months, private practitioner attending, certified "Bronchitis."

CASE 40 (Boy).

Registered at $2\frac{1}{2}$ weeks.

- Home Conditions:** Through house, 9 rooms, 3 persons; dry ashpit, bath, w.c. and pantry.
- Father's History:** In the Navy, previously a steward on passenger boat. Said to be healthy.
- Mother's History:** Housewife, previously clerk. Has always been unhealthy. Has had mouth ulceration for some years, and eruption last few months. Has had iliac pain for some months. Her father died at 44 of pernicious anæmia and "growth in neck." Her mother died at 43 of "abdominal trouble"; one of her sisters has been very delicate from birth.
- Previous Pregnancies:** None.
- Mothering:** Good.
- History of Pregnancy:** Mother very poorly, much œdema of lower extremities in later period, and had eruption all over body during later months.
- History of Confinement:** In Municipal Maternity Home.
- History on Registration:** Has wasted, vomited, and had abnormal stools from birth.
- Condition on Registration:** Atrophy, syphilitic pemphigus generally, anæmia, acidosis, catarrhal omphalitis, umbilical hæmorrhage.
- Subsequent History:** Palatal ulcers, mucous enteritis, chronic rhinitis, cirrhosis of liver, and persistent loss of weight.
At $1\frac{3}{4}$ months admitted to Infants' Hospital, condition grew worse, and had convulsions and chronic enteritis.
Died there at $2\frac{1}{2}$ months, certified "Chronic Enteritis and Intestinal Hæmorrhage."

CASE 41 (Girl).

Registered at $2\frac{1}{4}$ months.

- Home Conditions:** Back-to-back house, privy and wet ashpit, 3 rooms, 3 in family.
- Father's History:** In Army, previously clerk, B2, has worn glasses since 9 years old, otherwise wife "thinks healthy."
- Mother's History:** Housewife, previously waitress. Health history difficult to obtain, more or less feeble-minded.

CASE 41—(Continued.)

Previous Pregnancies:	None.
Mothering:	Bad.
History of Pregnancy:	Mother says she felt well. Worked first three months as waitress.
History of Confinement:	Premature at 6½ months, midwife's case, doctor called in to see infant, weighed 2½ lbs., and was very feeble.
History on Registration:	Has had snuffles since birth and eruption since second week, has "got on well" according to mother.
Condition on Registration:	Atrophied, length 17¾ins., very abnormal head ossification with extensive craniotables, chronic rhinitis, anæmia, chronic syphilitic eruption, umbilical hernia, mentally deficient, very degenerate.
Subsequent History:	Had chronic eruption, skin lesions and rhinitis, chest malformation, and in 9th month cranial nerve paralyses, but made fair nutritional progress up to 10½ months, then developed measles. Died aged 10¾ months, private practitioner attending, certified "Measles and Bronchitis."

CASE 42 (Girl, Illegitimate).

Registered at 3 months.

Home Conditions:	Unknown. Home could not be traced.
Father's History:	Foundry trade, previously was an Army Reservist, discharged now medically unfit.
Mother's History:	Charwoman, aged 48, mentally abnormal, noisy and abusive and exceedingly dirty. Was for a time under observation in Mental Ward of Union Hospital.
Previous Pregnancies:	Three:— (1st) child living (illegitimate by a different father), now in Guardians' Home. (2nd) miscarriage in third month. (3rd) miscarriage in third month.
Mothering:	Bad.
History of Pregnancy:	Worked at charing throughout pregnancy up to confinement, had much abdominal pain all through.
History of Confinement:	In Union Hospital.
History on Registration:	Malnourished at birth, had ophthalmia neonatorum, progress bad and has snuffled and had eruption since first week or two of life. Has had mercurial treatment in the Union Hospital. Has seen no doctor since left Union Hospital.
Condition on Registration:	Atrophy, enlarged rib epiphyses, multiple adenitis, syphilitic eruption, chronic rhinitis, malformation of right ear, bronchial catarrh, extremely dirty, miserable and greatly neglected. Baby a "nurse" child but brought up by mother, who is anxious to get infant off her hands and into the Infants' Hospital.

CASE 42—(Continued.)

Subsequent History: Defaulted from Clinic after first visit, and as incorrect address had been given could not be discovered by the health visitor. Baby died at $4\frac{3}{4}$ months old in Union Hospital, certified "Syphilitic Marasmus."

CASE 43 (Girl).

Registered at 5 months.

Home Conditions: Back-to-back house, 3 rooms, 5 in family.
Father's History: Woolcomber, previously Army Reservist, and has been twice in present Army and discharged. His father died at 41 of "Consumption." Wife considers him to be "quite healthy."
Mother's History: Housewife, previously mill-hand, says she is "quite healthy," is very deaf, has had discharging ears for some years, but no medical treatment. Her father died aged 39 of "Diabetes."
Previous Pregnancies: **Three:—**
 Nothing of note.
Mothering: Bad.
History of Pregnancy: Nothing of note.
History of Confinement: Midwife's case.
History on Registration: Has had snuffles since birth, ulcerated buttocks since two weeks old. Under private practitioner for stomach and bowel disorder and fits from two weeks to three months old. Doctor then advised attendance at Infant Clinic for Hospital treatment.
Condition on Registration: Fat and soft fleshed, abnormal head ossification, enlarged rib epiphyses, multiple adenitis, anæmia, chronic syphilitic eruption and skin lesions, bronchial catarrh.
Subsequent History: Paid only four visits and then defaulted from Clinic.
 Died aged 9 months, private practitioner attending, certified "Measles, Pneumonia and Convulsions."

CASE 44 (Boy).

Registered at 3 weeks.

Home Conditions: Mother living with her parents. Through house, 4 rooms, 7 in family.
Father's History: Dyer's labourer; C₃ man, ? cause. Two brothers and sisters died in infancy.
Mother's History: Housewife, previously factory hand, aged 20. Has had eruption, boils, etc., since 15 years old. Her mother and sister are epileptic.
Previous Pregnancies: None.
Mothering: Fair.
History of Pregnancy: Nothing of note.
History of Confinement: Midwife's case.

CASE 44—(*Continued.*)

History on Registration:	Eruption, wasting and mucoid diarrhoea since beginning of second week. Has seen no doctor.
Condition on Registration:	Length 17½ ins., atrophied, abnormal head ossification, enlarged rib epiphyses, snuffling, palatal ulcer, umbilical and inguinal hernia, generalised syphilitic eruption.
Subsequent History:	Told to return for admission to Infants' Hospital next day, but later same day private practitioner called in owing to development of "fits." Died same day, certified "Insufficient Vitality."

CASE 45 (Girl, Illegitimate).

Registered at 1¼ months.

Home Conditions:	Back-to-back house, 3 rooms, 6 in family.
Father's History:	In prison now for theft, a deserter from Army, previously in engineering trade, married, separated from wife. Has had an operation for "ulcers of stomach." Was attending Venereal Clinic at Royal Infirmary one month after registration of baby.
Mother's History:	Munition worker, previously dressmaker; says she is "healthy." Blood reported Wassermann "negative."
Previous Pregnancies:	None.
Mothering:	Very good, so far as mother was concerned, but very bad when in the care of "nurse" mothers.
History of Pregnancy:	Worked 2nd to 6th month in munition factory.
History of Confinement:	In Rescue Home.
History on Registration:	Eruption since two weeks old, otherwise mother thinks "has got on well."
Condition on Registration:	Nutrition normal, syphilitic eruption, umbilical hernia, nervous tension.
Subsequent History:	Was "nursed" by various unsatisfactory "nurses," and mother was periodically obliged to stay at home from her work with no income in order to "nurse" baby herself. Nutritional progress bad, chronic eruption and incessant crying and restlessness. At 3¼ months admitted to Infants' Hospital. Had chronic mucous enteritis with hæmorrhage, and chronic head retraction. At 4½ months removed from there to Union Hospital owing to development of Whooping Cough. Died there at 6½ months, certified "Marasmus."

CASE 46 (Girl).

Registered at 1¼ months.

Home Conditions:	Back-to-back house, 3 rooms, 3 in family.
Father's History:	Blacksmith; wife thinks he is "healthy."

CASE 46—(Continued.)

Mother's History:	Housewife, previously mill-hand. Had gastric ulcer after first confinement, still attending Royal Infirmary for this; feels ill, looks anæmic, voice husky. Her mother lost five infants and had several miscarriages.
Previous Pregnancies:	One:— Child died aged 17 hours of "Convulsions."
Mothering:	Bad.
History of Pregnancy:	Mother poorly all through, had old "gastric ulcer pain."
History of Confinement:	Doctor attended.
History on Registration:	Mucoid diarrhœa, restlessness, constant crying, snuffling, skin eruption, wasting, and under private practitioner since birth.
Condition on Registration:	Atrophy, abnormal head ossification, beaded ribs, malformed chest, anæmia, snuffles, chronic laryngitis, faucial ulcers, inflammatory congestion of oral mucous membrane, syphilitic eruption and ulceration.
Subsequent History:	Had marked cardiac weakness, chronic rhinitis, etc. Made fair nutritional progress but developed serious cardiac affection. Mother refused to allow baby to be admitted to Infants' Hospital. Died at 3 months, private practitioner attending, certified "Congenital Specific Disease."

CASE 47 (Boy, Illegitimate).Registered at $2\frac{1}{2}$ weeks.

Home Conditions:	Back-to-back house, 2 rooms, 6 in family.
Father's History:	Labourer; mother thinks "healthy."
Mother's History:	Housewife, previously mill-hand, widow; has been living with infant's father for past 12 months. Has epileptic seizures and a contracted pelvis, has healed lupus of face, is very anæmic. Having free municipal dinners, as infant breast-fed.
Previous Pregnancies:	Five:— First three children living, and said to be healthy. (4th) miscarriage at sixth month. (5th) child died aged 16 months of "Wasting."
Mothering:	Fair.
History of Pregnancy:	Mother felt very poorly, was unable to work in mill after first two months, had epileptic fits and was attended by private doctor.
History of Confinement:	Two doctors attended; instrumental delivery.
History on Registration:	Thought to have got on well since birth, except for snuffling recently.
Condition on Registration:	Subnormal nutrition and snuffling, otherwise nothing of note.
Subsequent History:	Always marked restlessness, gained fairly well in weight in spite of chronic digestive disorder. Defaulted from Clinic at $2\frac{1}{4}$ months. Died in Union Hospital at $3\frac{1}{2}$ months, certified "Syphilitic Marasmus."

CASE 48 (Boy).

Registered at 1½ months.

Home Conditions:	Back-to-back house, 3 rooms, 5 persons.
Father's History:	Labourer, discharged from Army with wounds two years ago, still under treatment for these.
Mother's History:	Housewife, previously mill-hand. Has had chronic leucorrhœa since first confinement, delicate and anæmic. Her mother was epileptic, and died of "dropsy."
Previous Pregnancies:	Four:— (1st) illegitimate child living, aged 17 years, has been delicate since birth, had chronic eruption in infancy, has weak digestion and constant head aches. (2nd) child living aged 5 years, has "a weak chest." Had chronic eruption in infancy. (3rd) miscarriage at 2 months. (4th) child died aged 5 months of "Pneumonia," had chronic eruption, attended Infant Clinic.
Mothering:	Fair.
History of Pregnancy:	Mother poorly all through. Cough, much nausea, and "giddiness."
History of Confinement:	Midwife's case, very long labour.
History on Registration:	Eyes discharged during lying-in period. Has had chronic eruption, restlessness, vomiting, and has wasted since three weeks old. Was vaccinated 10 days ago.
Condition on Registration:	Under minimum normal length for age, nutrition subnormal, abnormal head ossification, multiple adenitis, anæmia, glossitis, umbilical hernia, general syphilitic eruption and ear fissures.
Subsequent History:	Nutritional progress bad and had chronic eruption. At 3¼ months was admitted to Infants' Hospital. Had mucous enteritis, bronchitis, oral fissures and patches, pseudo-furuncles, cellulitis and finally pyæmia. Was hæmophylic. Died there aged 6½ months, certified "Pyæmia."

CASE 49 (Boy).

Registered at one month.

Home Conditions:	Back-to-back house, 3 rooms, 6 in family.
Father's History:	In Labour Battalion, previously labourer; has chronic otorrhœa and "pain in back."
Mother's History:	Housewife, previously mill-hand. Says she is "healthy."
Previous Pregnancies:	Seven:— (1st) child died aged 14 months of "Measles," had always been delicate. (3rd) child living aged 10 years, has St. Vitus' Dance. (5th) child died aged 3 years of "Convulsions." (6th) child died aged 2½ months of "Wasting and Fits," had always been delicate.

CASE 49—*(Continued.)*

Mothering:	Not good.
History of Pregnancy:	Nothing of note.
History of Confinement:	Midwife's case.
History on Registration:	Mother quite satisfied with baby's condition and progress. Baby has seen no doctor.
Condition on Registration:	Marasmus, enlarged rib epiphyses, malformed chest, snuffles.
Subsequent History:	Made fair nutritional progress. Chronic rhinitis, constant restlessness, bronchitis, anæmia, multiple adenitis, delayed muscular development and teething, chronic eruption, skin lesions, and ear fissures. At 8½ months developed Whooping Cough. Died at 9 months, private practitioner attending, certified "Whooping Cough."

CASE 50 (Girl).

Registered at 3 weeks.

Home Conditions:	Back-to-back house, 2 rooms, 6 in family.
Father's History:	Killed in action, previously a stoker. Had never been healthy, was always very pale and thin. One of his sisters died of "consumption," and five brothers and sisters died in infancy.
Mother's History:	Housewife, previously mill-hand; delicate. Her doctor told her she had "consumption" a week ago.
Previous Pregnancies:	Seven:— (1st) child living aged 13½ years, has been delicate from birth, is at Open-air School. (2nd) child died at 6 months of "Measles." (3rd) child died at 3 months of gastrointestinal disorder. (5th) child living aged 7 years, delicate, small and thin. (6th) child died at 3 months of "Epidemic Diarrhœa," attended Infant Clinic, was syphilitic. (7th) child living aged 3 years, attended Infant Clinic, syphilitic, said to be going on well.
Mothering:	Bad.
History of Pregnancy:	Mother says she felt well, took in washing. Husband was killed in action at 7th month.
History of Confinement:	Doctor attended.
History on Registration:	Small and malnourished at birth. Mother thinks "has made good progress."
Condition on Registration:	Under minimum normal length for age. Nutrition normal. Nothing else of note.
Subsequent History:	Made fair nutritional progress. Developed typical syphilitic eruption and skin lesions, chronic rhinitis and meningitis. At 4½ months admitted to Infants' Hospital. Died there aged 5 months, certified "Congenital Specific Disease."

CASE 51 (Girl).

Registered at 3 weeks.

Home Conditions:	Back-to-back house, 3 rooms, 8 in family.
Father's History:	Woolwasher; "has only one eye," wife does not know why.
Mother's History:	Housewife, previously machinist. Has always been delicate, has chronic bronchitis, very hoarse voice, very low type, more or less feeble-minded. Blood reported Wassermann "positive."
Previous Pregnancies:	None.
Mothering:	Bad, though mother solicitous and means very well.
History of Pregnancy:	Mother felt poorly all through, worked first 4 months as a machinist.
History of Confinement:	Midwife's case.
History on Registration:	Has snuffled and cried constantly, and had eruption and mucoid diarrhoea for past week, but mother thinks has put on flesh well since birth.
Condition on Registration:	Under minimum normal birth length, nutrition normal, abnormal head ossification, enlarged rib epiphyses, umbilical hernia, anæmia, snuffling and general syphilitic eruption.
Subsequent History:	Progress very unsatisfactory, had chronic varied syphilitic eruption and skin lesions, chronic neurosis, chronic rhinitis and otorrhœa, convulsions, hæmorrhages from mucous membranes. Admitted to Infants' Hospital periodically from $3\frac{1}{4}$ months to $10\frac{1}{2}$ months of age. Blood reported Wassermann "negative" at $3\frac{3}{4}$ months. Had oral mucous patches and nephritis. At $9\frac{1}{2}$ months extremely atrophied with marked head bossing, chronic relapsing mucoid enteritis, and bronchitis. Continuous renal hæmorrhage last 2 weeks of life, finally severe gastric and intestinal hæmorrhages in addition. Died in hospital, aged $10\frac{1}{2}$ months, certified "Congenital Defect and Gastric, Intestinal and Renal Hæmorrhages."

CASE 52 (Girl).Registered at $2\frac{1}{2}$ months.

Home Conditions:	Back-to-back house, 2 rooms, 4 in family.
Father's History:	Labourer; under treatment for syphilis at Venereal Clinic.
Mother's History:	Housewife, previously mill-hand, unhealthy since this pregnancy. Blood reported Wassermann "positive," after registration of infant.
Previous Pregnancies:	One:— Child living, aged 9 years, said to be "healthy."
Mothering:	Fair.

CASE 52—(Continued.)

- History of Pregnancy:** Mother's health bad throughout. Had syphilitic secondary manifestations at 5th month, and under treatment in Union Hospital for 3 weeks then.
- History of Confinement:** Midwife's case.
- History on Registration:** Has had snuffles, cried constantly and slept badly since birth, has had eruption and ulceration of napkin area, since 2 weeks old; has put on flesh well since birth. Entirely breast-fed.
- Condition on Registration:** Nutrition normal, under minimum normal length for age. Abnormal head ossification, enlarged rib epiphyses, chronic rhinitis, sallow anæmia, slight traces of fading eruption.
- Subsequent History:** Had syphilitic skin eruption and lesions (on and off throughout infancy), oral mucous patches and chronic ear fissures. Blood reported Wassermann "positive" at 3½ months old. At 4¼ months had mucous enteritis (still entirely breast-fed), and chronic laryngitis. At 5½ months had multiple adenitis. Gained fairly steadily in weight. In twelfth month was well-nourished, weight 19½ lbs., but soft-fleshed, anæmic, with large, square bossed head, enlarged rib epiphyses, and "pot belly." Dentition difficult with ulcers of gums, etc.
- Discharged at one year with condition as indicated, muscular development normal, cheerful and active, and no skin eruption or lesions.
- At 17 months admitted from Child Clinic to Infants' Hospital with history of "Measles 5 weeks ago, with subsequent Pneumonia which has not resolved, private practitioner attending child, has referred it back to Child Clinic for anti-syphilitic treatment to be continued."
- Condition on admission, marked atrophy, very undersized (lies comfortably in infant's cot), very abnormal head ossification, condylomata and anal fissures, double Pneumonia, extremely ill. Empyema was suspected but did not exist. Lung condition grew progressively worse, and child died 3 weeks later, aged 18 months, certified "Chronic Fibrotic Pneumonia."



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